

BULGARIA

St. DIMITROV, Department of Pediatrics, Medical School (Katedra po
datski bolesti pri VNI) Head Prof. L. RACHEV, Sofia.

"The Liver and Blood Coagulation."

Sofia, Suvremenna Meditsina, Vol 13, No 10, 1962; pp 19-23.

Abstract : Review of literature; liver function data in 48 hemophilic
patients (44 A, 4 B); prothrombin time, 358 flocculation tests, serum
and urine bilirubin, SGPT and SGOT, thromboelastography; hepatic
function in these patients seems to be essentially normal. Three
tables, 4 Western and 1 Bulgarian reference.

1/1

BULGARIA

L. RACHEV, D. MARINOV, St. STATEVA, Fr. ESKENAZI and St. CHOBANOVA
[Affiliation not given]

"Antibiotic Therapy in Children."

Sofia, Suvremenna Meditsina, Vol 14, No 2, 1963; pp 13-19.

Abstract: A review of the indications and contraindications to the various antibiotics in children, based on experiences in the Department of Pediatrics of Medical College Sofia since 1947 as well as published data. Basic principles in selecting the right antibiotic for children with various diseases and of various ages, role of sensitivity testing, determination of optimal dose and route, factors affecting concentration of drug at site of infection, role of concurrent medications and related aspects are reviewed. One Soviet, 4 Bulgarian, 14 Western references.

1/1

RACHEV, L.; MINCHEV, P.

On some problems of embryopathy. Suvr. med. 14 no, 7:3-12. '63.

(ABNORMALITIES) (RADIATION GENETICS)
(PREGNANCY COMPL.) (ANOXIA)
(MENTAL DISORDERS)

RACEV, L.; MARINOV, D.; STATEVA, St.; ANTOVA, V.; ESKENAZY, F.; AVRAMOV, A.

Staphylococcal pleuropneumonia treatment in infancy. Nauch.
tr. Vissh med. inst. Sofia 43 no.1:21-24 '64.

1. Chair of Pediatrics, (Director: Prof. L. Racev) and Chair of
Surgery, (Director: Prof. St. Dimitrov).

RACUV, L.; MINGEV, P.

Petopaths. Sov. med. (Sofia) 16 no. 1:47-56 '65.

RACHEV, L.

Bulgaria

Higher Medical Institute, Department of Children's Diseases (VMI-Katedra po detski b6lesti), Director: L. Rachev, Prof.

Sofia. Pediatrics. No 1, 1966, pp 82-86.

"Some Changes in the Course of Staphylococcal Infections in Children."

Co-authors:

**STOYANOVA, L.
ESKENAZI, Fr.**

RACHEV, L.

Bulgaria

Higher Medical Institute, Department of Children's
Diseases (VMI-Katedra po detski bolesti), Director:
L. Rachev, Prof.

Sofia, Pediatrica, No 1, 1966, pp 82-86.

"Some Changes in the Course of Staphylococcal
Infections in Children."

Co-authors:

STOYANOVA, L.
ESKENAZI, Fr.

BULGARIA

RACHEV, R., Dr, NIIZh /Nauchnoizsledovatel'ski institut za zhivotnovodstvo; Scientific Research Institute of Stock Breeding/, Shumen.

"Application of Defibrinated Heterogeneous Blood in Stunted of Pigs"

Sofia, Veterinarna Sbirka, Vol 63, No 1, 1966, pp 24-25.

Abstract: Young pigs that had had dysentery and were treated with large doses of osarsol became stunted and had a syndrome resembling that of parakeratosis. Their condition was alleviated and a satisfactory increase in weight obtained by feeding them defibrinated beef and lambs' blood combined with flour.

1/1

- 108 -

OGRYZKOV, S.Ye.; RACHEV, R.I.

In the people's democracies. Veterinariia 40 no.8:84-85 Ag '63.
(MIRA 17:10)

1. Kolarovgradskaya okruzhnaya veterinarnaya lechebnitsa, Bolgariya
(for Rachev).

BULGARIA

RACHEV, R., Dr, SHISHKOV, D., Dr, and KAROV, B., Dr, District Veterinary Hospital (Okruzhna veterinarna lechebna,) Kolarovgrad.

"Gastrotomy Treatment of Angora Rabbits with Pilobezoar."

Sofia, Veterinarna Sbirka, Vol 60, No 6, 1963; pp 22-23.

Abstract: When 15 pregnant rabbits became gravely ill in rabbit farm, 5 were 'hospitalized'; when the first one died, necropsy revealed large bezoar containing mainly rabbit hair; then the other 4 were operated but all of these died too. Disease is attributed to lack of hygiene and unbalanced diet; deaths to delay in surgery.

1/1

RACHEV, Racho Rusev

Mechanism of the action of hormones on the process of oxidative phosphorylation in heart mitochondria. Vest. GLU 20 no.15: 105-113 '65. (MIRA 18,9)

RACH'V, R.R.

Dissociation of oxidation from phosphorylation in cerebral mitochondria
in thyrotoxicosis and its reversibility. Vest. ANU SSSR 25 no. 10:68-72
'65. (MR: 18:10)

1. Leningradskiy gosudarstvennyy universitet.

L 24210-65 EWG(j)/EWT(m)/EPF(c)/EPF(n)-2/EPR/ENP(t)/ENP(b) Pr-Li/Ps-Li/Pu-Li
IJP(c) ES/JD/WW/JG
ACCESSION NR: AP5001999 S/0020/64/159/006/1371/1373

AUTHOR: Rachev, V. V.; Kovba, L. M.; Ippolitova, Ye. A.

32
B

TITLE: Investigation of the system UO_2-UO_3

SOURCE: AN SSSR. Doklady, v. 159, no. 6, 1964, 1371-1373

TOPIC TAGS: UO_2-UO_3 system, uranium oxide, phase diagram, x ray diffraction
✓ ✓

ABSTRACT: The results of the investigation are given of the system $UO_2-U_3O_8$ by the method of x-ray diffraction analysis at high temperatures. By studying
at high temperatures (up to 1150 C) a phase diagram is

"APPROVED FOR RELEASE: Tuesday, August 01, 2000

CIA-RDP86-00513R001343

the present investigation and on the original app

Orig. art. has: 3 figures

ASSOCIATION: Moskovskiy gosudarstvennyy universitet im. M. V. Lomonosova

Cord 1/3

APPROVED FOR RELEASE: Tuesday, August 01, 2000

CIA-RDP86-00513R0013438

ACC NR: AP6012926

SOURCE CODE: UR/0078/65/010/003/0573/0575

AUTHOR: Rachev, V. V.; Kovba, L. M.; Ippolitova, Ye. A.

ORG: Faculty of Inorganic Chemistry, Moscow State University (Moskovskiy gosudarstvennyy universitet)

TITLE: High temperature x-ray diffraction study of the system uranium-oxygen in the range UO sub 2.00-UO sub 2.40

SOURCE: Zhurnal neorganicheskoy khimii, v. 10, no. 3, 1965, 573-575

TOPIC TAGS: x ray diffraction analysis, uranium, oxygen, specific volume, phase transition

ABSTRACT: High-temperature X-ray diffraction was used to study the phase diagram of the uranium-oxygen system in the range UO_{2.00}-UO_{2.20} at 850-1150°C. It was established that the homogeneous phase region of UO_{2+x} is slowly expanded from UO_{2.19} at 850° to UO_{2.25} at 1150°C. The phase U₄O_{9+x} has a narrow homogeneous region, very little changed temperature. Between 1100 and 1150°C a phase transformation of the order-disorder type occurs which is accompanied by a sharp increase specific volume. The coefficients of linear expansion of the UO_{2+x} and U₄O_{9+x} phases are calculated for 850-1150°C. Orig. art. has: 2 figures and 1 table. [JPRS]

SUB CODE: 07, 20 / SUBM DATE: 14Oct63 / ORIG REF: 001 / OTH REF: 009

Card 1/1 BK

UDC: 546.791:539.26

RACHEV, V.V.; SMUROVA, V.S.; KOVBA, L.M.; IFFOLITOVA, Ye.A.

Study of the system uranium - oxygen in the $UO_{2,50} - UO_{2,67}$
range by the method of high-temperature X-ray phase-shift
analysis. Zhur.neorg.khim. 10 no.12:2796-2800 D '65.
(MIRA 1961)

L 34346-66 EVT(m)/EMP(t)/ELL LJP(c) ES/JD/WH/JG
ACC NR: AP6010714 (N) SOURCE CODE: UR/0189/66/000/001/0054/0056

AUTHOR: Koshcheyev, G. G.; Rachev, V. V.; Ippolitova, Ye. A.; Zhelankin, A. V. 40 B

ORG: Inorganic Chemistry Department, Moscow State University (Kafedra neorganicheskoy khimii, Moskovskiy gosudarstvennyy universitet)

TITLE: Determination of the oxygen/uranium ratio in uranium oxides by controlled-potential coulometric analysis 21 41

SOURCE: Moscow. Universitet. Vestnik. Seriya II. Khimiya, no. 1, 1966, 54-56

TOPIC TAGS: uranium, electrochemical analysis, oxygen, electrolysis

ABSTRACT: The authors investigated the applicability of the coulometric method proposed by W. M. Mac Nevin and B. B. Baker (Anal. Chem. 24, 986, 1952) to the determination of the ratio O/U in uranium oxides. The latter were dissolved in concentrated orthophosphoric acid, and a 1 M H₂SO₄ solution was used as the background solution. Uranium (VI) was reduced at a cathode potential of -0.24 V for 3-4 min, and the current intensity was recorded every 15-30 sec. To determine the total uranium, U(IV) was oxidized chemically to U(VI) by cerium (IV) at a cathode potential of -0.05 V, then uranium was again reduced as before. The amount of uranium was calculated from the formula

$$U(VI) = \frac{E_U \times I_0}{96.5 \times 2.303 \times K}$$

Card 1/2

UDC: 536.7

L 34346-66

ACC NR: AP6010714

where E_u is the uranium weight equivalent, I_0 is the initial current intensity at time $\tau = 0$; 96.5 is Faraday's number, and $K = \tan \alpha = \frac{\log I_0}{\tau}$ (obtained from graph). The ratio O/U is calculated from the formula $O/U = 2.000 + \frac{U(VI)}{U_{tot}}$. The precision of the determination of this ratio in uranium oxides was ± 0.005 . The above method of analysis can also be used for the direct determination of uranium content in various uranium compounds. Orig. art. has: 1 table and 1 formula.

SUB CODE: 07/ SUBM DATE: 04May65/ ORIG REF: 002/ OTH REF: 002

Card 2/2 *ULR*

S/089/64/010/001/002/020
B006/B063

AUTHORS: Bonyushkin, Ye. K., Zamyatnin, Yu. S., Spektor, V. V.,
Rachev, V. V., Negina, V. R., Zamyatnina, V. N.

TITLE: Fragment Yields From U^{233} and Pu^{239} Fissions Induced by
Fast Neutrons

PERIODICAL: Atomnaya energiya, 1960, Vol. 10, No. 1, pp. 13 - 18 ✓

TEXT: The authors applied radiochemical methods to determine the absolute fragment yields of U^{233} and Pu^{239} fissions induced by 14.5-Mev neutrons and neutrons of the fission spectrum. A report of the results is made here. Specimens of U_3O_8 and metallic Pu^{239} foils (120 - 150 mg) were irradiated in hermetically sealed brass cells - both with 14.5 Mev neutrons (from the target of an accelerator, by means of a t,d-reaction) and neutrons of the fission spectrum (from a non-moderated U^{235} arrangement). The total flux hitting the specimens was $\sim 5 \cdot 10^{14}$ neutrons. Thereupon, the fragments were

Card 4/4

Fragment Yields From U^{233} and Pu^{239} Fissions
Induced by Fast Neutrons

S/089/60/010/001/002/020
B006/B063

separated chemically, and their beta activity was measured. The mass distributions of fragments were determined for the irradiated specimens. The curves are basically symmetric, i. e., the minimum between $A = 110 - 120$ is flanked by two maxima at $A = 90 - 100$ and $A = 135 - 145$. The simple linear correlation between the difference Δm of the average masses of the heaviest and the lightest fragment and the atomic weight of the nucleus undergoing fission was independent of the neutron energy but dependent on whether A was even or odd:

$\Delta m = 288 - 1.04 A + \delta, \delta = \begin{cases} 0 & (\text{even } A) \\ \sim 2 & (\text{odd } A) \end{cases}$. A. A. Malinkin, Yu. A. Vasil'yev, and V. I. Shamarukhin are thanked for neutron irradiation of the specimens; P. N. Moskalev, N. V. Shuvanova, A. A. Yegorova, and K. N. Borozdina for chemical operations; and V. V. Zakatilov and L. N. Sorokina for assistance in physical measurements. Numerical results are tabulated. There are 5 figures, 1 table, and 12 references: 5 Soviet and 7 US.

SUBMITTED: April 16, 1960

~~Card 2/4~~

S/089/64/010/001/002/020
B006/B063

Выходы осколков деления U^{235} и Pu^{239}

Осколки 1	U^{235}		Pu^{239}	
	нейтроны спектра деления 2	нейтроны с энергией 14,5 Мэв 3	нейтроны спектра деления 2	нейтроны с энергией 14,5 Мэв 3
Sr^{96}	$6,30 \pm 0,60$	—	—	—
Mo^{99}	$4,75 \pm 0,35$	$3,5 \pm 0,3$	$5,9 \pm 0,6$	$4,16 \pm 0,40$
Ru^{103}	$0,413 \pm 0,015$	$2,31 \pm 0,30$	$6,0 \pm 0,7$	$6,25 \pm 0,80$
Ru^{106}	$0,16 \pm 0,02$	$1,52 \pm 0,20$	$4,8 \pm 0,6$	$4,16 \pm 0,5$
Ag^{111}	$0,0937 \pm 0,003$	$1,22 \pm 0,12$	$0,55 \pm 0,06$	$1,46 \pm 0,14$
Cd^{115}	$0,052 \pm 0,006$	$0,98 \pm 0,18$	$0,09 \pm 0,01$	$1,23 \pm 0,10$
$^{115}полн$	$0,056 \pm 0,006$	$1,05 \pm 0,20$	$0,095 \pm 0,010$	$1,30 \pm 0,11$
Te^{129m}	$0,602 \pm 0,050$	—	$0,45 \pm 0,09$	—
$^{129}полн$	1,57	—	1,17	—
Te^{132}	$4,36 \pm 0,40$	$3,08 \pm 0,35$	$3,5 \pm 1,0$	$4,58 \pm 0,50$
Cs^{136}	0,11	0,5	—	—
Cs^{137}	$6,28 \pm 0,50$	$4,7 \pm 0,5$	—	$5,1 \pm 0,8$
Ba^{140}	$6,31 \pm 0,50$	—	$5,4 \pm 0,5$	$4,35 \pm 0,40$
Ce^{141}	$6,77 \pm 0,60$	$5,0 \pm 0,5$	—	—

~~См. 3/4~~

S/089/60/010/001/002/020
B006/B063

Legend to the Table: 1) Fragment, 2) the fission being induced by neutrons of the fission spectrum, 3) the fission being induced by 14.5-Mev neutrons.

~~Card 4/4~~

S/080/62/035/001/010/013
D204/D304

AUTHORS: Rachev, V. V., Maslennikov, B. K. and Lbov, A. A.

TITLE: The behavior of metallic Li surfaces in air and in argon, at low humidities

PERIODICAL: Zhurnal prikladnoy khimii, v. 35, no. 1, 1962, 189

TEXT: The investigation was undertaken to complement the existing data for interaction of lithium surfaces with water vapor in high concentrations, by determining the behavior of Li in argon and in air at low humidity. Specimens of freshly cut Li were exposed to atmospheres of up to 10% relative humidity, at 20°C, and the times required for the complete blackening of the surfaces were measured. No practical difference was found between the rates of attack in air and in argon containing ~1% O₂. The reaction periods increased very sharply from ~1 hour at 9% to ~24 hours at 4% relative humidity. At ~0.7% relative humidity, in air at 20°C, the specimens did not darken after 72 hours. The results are explained by the formation of a transparent protective layer. This was confirmed by Card 1/2

S/080/62/035/001/010013
D204/D304

The behavior of metallic ...

the greater resistance to attack of samples held previously for several hours at ~1% relative humidity at 20°C, as opposed to freshly cut surfaces. There are 1 figure and 2 non-Soviet-bloc references. The references to the English-language publications read as follows: B. E. Deal and H. J. Svec, J. Am. Chem. Soc., 75,6173, (1953); J. Besson and W. Muller, C. R., 247, 1869, (1958).

SUBMITTED: January 25, 1961

Card 2/2

RACHEV. St.; DIMITROV, D.

Result of calcium chloride desensitization in streptomycin sensitivity. Suvrem.med., Sofia 5 no.10:94 1954.

1. Iz Okoliiskia protivotuberkulozen dispanser, Provadiia. (gl. lekar: St. Rachev)

(STREPTOMYCIN, injurious effects,

allergy, desensitization with calcium chloride)

(ALLERGY,

to streptomycin, desensitization with calcium chloride)

(CHLORIDES, therapeutic use,

calcium, desensitization in streptomycin allergy)

MATEEV, V.; RACHEVA, B.; POPOV, K.

Case of mediastinal lymphosarcoma in a child diagnoses as pulmonary echinococcosis. Suvrem. med., Sofia 5 no.7:118-121 1954.

1. Iz Purva gradska detska bol'nits, Sofia, glavni lekar: .
B.Buiuklieva.

- (LUNGS, diseases,
echinococcosis, differ. diag. from mediastinal /,
lymphosarcoma in child)
- (ECHINOCOCCOSIS,
lungs, differ. diag. from mediastinal lymphosarcoma
in child)
- (LYMPHOSARCOMA,
mediastinum, differ. diag. from pulm. echinococcosis
in child)
- (MEDIASTINUM, neoplasms,
lymphosarcoma, differ. diag. from pulm. echinococcosis
in child)

OGNIANOV, K.; RACHEVA, B., Predvaritelno suobshchenie

Supplementary therapy of hemolytic disease in newborn with
periston N. Khirurgia, Sofia 9 no.3:258-262 1956.

1. Vtori Gradski Rodilen Dom. Glaven lekar: Iv. Doganov.
(ERYTHROBLASTOSIS, FETAL, therapy,
polyvinylpyrrolidone (Bul))
(POLYVINYLPIRROLIDONE, therapeutic use,
erythroblastosis fetalis (Bul))

GRIGOROVA, M.; DONCHEV, D.; STOYANOVA, M. [Stoianova, M.]; RACHEVA, B.;
MARINOVA, E.

Studies of the infection of the newborn with pathogenic
staphylococci. Trudy epidemiol mikrobiol 8:37-41 '61 [publ. '62].

OGNIA NOV, Karl; RACHEVA, Boriana

Theory and practice of exchange blood transfusion in newborn
infants with hemolytic disease. *Sovr. med.* 13 no.3:17-25 '62.

(EXCHANGE TRANSFUSION)
(ERYTHROBLASTOSIS, FETAL)

RACHEVA, Iskra

The real rationalization movement is giving the very best results.
Rationalizatsiia no.10:7-10 '62.

RACHEVA, U.; ROMANOV, M. G.

Prothrombin time in newborn and significance of vitamin K in prevention and therapy of intracranial hemorrhages. Suvrem.med., Sofia 5 no.11:95-101 1954.

1. Iz II gradski rodilen dom - Sofia (gl.lekar: Iv. Doganov) i I detska gradska bolnitsa - Sofia (gl. lekar: B. Buiuklieva)
(CEREBRAL HEMORRHAGE, in infant and child,
prev. & ther., vitamin K)
(VITAMIN K, therapeutic use,
cerebral hemorrh. in inf., prev. & ther.)
(PROTHROMBIN TIME,
in newborn)

POMAZANOV, A.I.; BALUKOVA, A.A.; RACHEVA, V.Yu.

New technological procedure and outlook for the organization of a continuous mechanized line in the manufacture of black beichao tea. Biokhim. chain. proizv. no.8:161-169 '60. (MIRA 14:1)

1. Krasnodarskiy nauchno-issledovatel'skiy institut pishchevoy promyshlennosti, Krasnodar.
(Adler--Tea)

POMAZANOV, I.A.; BALUKOVA, A.A.; RACHEVA, V.Yu.

Studying the rolling process without pressing in the tea factories of
Krasnodar Territory. Biokhim. chain. proizv. no.9:137-143 '62.
(MIRA 16:4)

1. Krasnodarskiy nauchno-issledovatel'skiy institut pishchevoy promy-
shlennosti, Krasnodar.
(Krasnodar Territory--Tea)

V

POMAZANOV, I.A.; BALUKOVA, A.A.; RACHEVA, V.Yu.; OBRECHENKO, R.T.

Change in the quality of Krasnodar tea during storage. Biokhim. chern.
proizv. no.9:158-166 '62. (MIRA 16:4)

1. Krasnodarskiy nauchno-issledovatel'skiy institut pishchevoy promyshlennosti, Krasnodar.
(Krasnodar Territory—Tea—Storage)

RACHINSKAYA, A. Z.; MITEL'MAN, P. M.; FINITIKIKOVA, G. P.; KHAYKINA, A. S.

"Pertussis gamma-globulin form antigacterial and antitoxic horse sera."

Report submitted at the 13th All-Union Congress of Hygienists, Epidemiologists and Infectionists. 1959

RACHEVSKAYA, E.M., inzh.

Organizing the operations of design departments. Vest.mashinostr.
42 no.6:74-77 Je '62. (MIRA 15:6)
(Mechanical drawing--Equipment and supplies)

RACHEVSKAYA, E.M., inzh.

Card filing equipment as a means for the mechanization of accounting
and control. Mekh.i avtom.proizv. 17 no.9:51-54 S '63.
(MIRA 16:10)

ANASTASIADI, A.P.; BOROVSKIY, V.R.; VYBORNOV, G.V.; KOPELYANSKIY,
G.D.; MAK, I.L.; PECHURO, S.S.; PIYEVSKIY, I.M.;
RACHEVSKAYA, K.D.; REYZNER, Yu.B.; RYBAK, L.L.; TSEPELIOVICH,
M.R.; SHUMAKHER, L.I.; YUSHKEVICH, M.O. [deceased]; AGEYENKO,
Yu.G., nauchnyy red.; BELUGIN, A.T., nauchnyy red.; KOGAN,
G.S., nauchnyy red.; KRZHEMINSKIY, S.A., nauchnyy red.;
MITSKEVICH, M.I., nauchnyy red.; SILENOK, S.G., nauchnyy red.;
TRILESNIK, Z.Ye., nauchnyy red.; ZUBAREV, K.A., glav. red.;
TROFIMOV, I.P., red.; SKRAMTAYEV, B.G., glav. red.; BALAT'YEV,
P.K., red.; KITAYEV, Ye.N., red.; KITAYGORODSKIY, I.I., red.;
ROKHVARGER, Ye.L., red.; KHOLIN, I.I., red.; CHERKINSKAYA,
R.L., red.; RODIONOVA, V.M., tekhn. red.

[Manual on the production of gypsum and gypsum products] Spra-
vochnik po proizvodstvu gipsa i gipsovykh izdelii. [By] A.P.
Anastasiadi i dr. Pod red. K.A.Zubareva. Moskva, Gosstro-
izdat, 1963. 464 p. (MIRA 16:7)

(Gypsum) (Gypsum products)

BOGOYAVLENSKIY, A.F.; BOGOYAVLENSKIY, I.F.; BOGOYAVLENSKIY, V.F.;
RACHEVSKAYA, L.S.

Problem of application in radiotherapy. Med.rad. 5 no.3:47-51
'60. (MIRA 13:12)
(RADIOTHERAPY)

ACCESSION NR: AT4043078

S/0000/64/000/000/0251/0261

AUTHOR: Bogoyavlenskiy, A. F. (Doctor of chemical sciences, Professor);
Rachevskaya, L. S.; Matyazh, N. K.

TITLE: Effect of current reversal on composition and properties of an anodic oxide film on aluminum, based on data obtained by the use of labeled atoms

SOURCE: Mezhvuzovskaya konferentsiya po anodnoy zashchite metallov ot korrozii. 1st, Kazan, 1961. Anodnaya zashchita metallov (Anodic protection of metals); doklady* konferentsii. Moscow, Izd-vo Mashinostroyeniye, 1964, 251-261

TOPIC TAGS: aluminum AD1-M, anodized aluminum, phosphoric acid electrolyte, labeled atom analysis, current reversal, electrolyte temperature effect, anodizing period effect, electrolyte concentration effect, anode cathode ratio, anodic film thickness, anodic film corrosion resistance, anodic film porosity, labeled film radioactivity, aluminum corrosion, aluminum oxide film, radiophosphorus labeling

ABSTRACT: Samples of sheet aluminum AD1-M were anodized on one side in a P^{32} -labeled solution of phosphoric acid (60V, blue-gray transparent film, 0.4-2.5 μ , VIAM corrosion resistance 15 min.) and coated on the other side with lacquer AK-20. Electrolyte temperature, concentration, anodizing period and anode-cathode period ratios were varied (0-80C, 0-12N, 0-120 min., 1:0 to 0:1); the results are plotted graphically in

Cofd 1/2

ACCESSION NR: AT4043078

relation to film weight, specific radioactivity, film thickness, percent content of phosphate ion, VIAM corrosion resistance, and film porosity. The phosphate-ion content was found to be 6.5% for standard anodizing and to vary with the anode-cathode ratio (table given) when current reversal is employed. Film radioactivity peaked at 30C, dropped sharply at 30-50C and increased again to even higher levels for 50-75C (related to chemisorption of the phosphate-ion). An increase in cathode period increased the activity by 150% over values without current reversal, the film thickness dropped and its corrosion resistance improved (100%) at a ratio of 1:1. Increasing the cumulative cathode period at a constant cumulative anode period significantly increased the radioactivity in the film. The highest radioactivity, film thickness and corrosion resistance were obtained at 25-30C. Different results are obtained with current reversal in a sulfate electrolyte. Orig. art. has: 13 graphs and 1 table.

ASSOCIATION: None

SUBMITTED: 13Mar64

ENCL: 00

SUB CODE: MM

NO REF SOV: 008

OTHER: 001

Card 2/2

BOGOYAVLENSKIY, A.F.; BOGOYAVLENSKIY, V.F.; BOGOYAVLENSKIY, I.F.; MATYAZH, N.K.;
RACHEVSKAYA, L.S.

Radiobiological effect of the action of irradiation on micro-organisms irradiated by a radioactive anodic Al_2O_3 film. Radiobiologiya 4 no.4:640-642 '64. (MIRA 17:11)

1. Kazanskiy aviatsionnyy institut, Kazan-kiy gosudarstvennyy meditsinskiy institut i Blagoveshchenskiy-na-Amure gosudarstvennyy meditsinskiy institut.

SHEPELEV, A.M.; GALAKTIONOV, A.A., redaktor; RACHEVSKAYA, M.I.,
redaktor; GUROVA, O.A., tekhnicheskii redaktor

[Modeler's handbook] Pamiatka leshchiku. Moskva, Izd-vo Mini-
sterstva kommunal'nogo khoziaistva RSFSR, 1951. 68 p.
(Modeling) (MLRA 8:10)

KALINUSHKIN, M.P.; TALIYEV, V.N., redaktor; RACHEVSKAYA, M.I., redaktor
izdatel'stva; GUROVA, O.A., tekhnicheskii redaktor.

[Ventilating apparatus] Vantiliatornye ustanovki. 3-e izd-vo Mi-
nisterstva kommunal'nogo khoziaistva RSFSR, 1953. 223 p. (MLBA 7:11)
(Fans, Mechanical)

SHCHEGOLEV, M.M.; LETICHEVSKIY, I.M.; IVANOVA, M.S.; MUROMSKIY, N.F.,
redaktor; BACHEVSKAYA, M.I., redaktor; PETROVSKAYA, Ye., tekhnicheskiy redaktor.

[Heat engineering in bath and laundry establishments] Teplotekhnika
banno-prachechnykh predpriyatii. Moskva, Izd-vo Ministerstva
kommunal'nogo khoziaistva RSFSR, 1954. 210 p. (MLRA 8:2)
(Heat engineering) (Baths, Public) (Laundries)

RACHEVSKAYA, M.I.

VASIL'YEV, V.S.; IL'IN, V.K.; MINAYEV-TSIKANOVSKIY, V.A.; PEREPELTSIN, V.I.,
redaktor; RACHEVSKAYA, M.I., redaktor; GUROVA, O.A., tekhnicheskii
redaktor

[Construction and operation of laundry equipment] Konstruktsii i
ekspluatatsiia pracheznogo oborudovaniia. Moskva, Izd-vo Minister-
stva kommunal'nogo khoziaistva RSFSR, 1954. 218 p. (MIRA 8:4)
(Laundry machinery)

RACHEVSKAYA M.I.

GULYAYEV, N.F., redaktor; RACHEVSKAYA, M.I., redaktor; GUROVA, O.A.,
tekhnicheskiiy redaktor.

[Sanitary engineering; collection of articles] Sanitarnaya tekhnika;
sbornik statei. Moskva, Izd-vo Ministerstva kommunal'nogo khoziaist-
va RSFSR, 1954. 289 p. (MLRA 7:11)

1. Akademiya kommunal'nogo khoziaistva, Moscow.
(Sanitary engineering)

PIGOLEV, Sergey Vasil'yevich; KRIVOSHEYEVA, Ye.K., redaktor; RACHNEVSKAYA,
M.I., redaktor; KOBYASHINA, A., tekhnicheskiy redaktor

[Foam and carbonic acid fire-extinguishers] Pennye i uglekislotnye
ognetushiteli. Moskva, Izd-vo Ministerstva kommunal'nogo khozai-
stva RSFSR, 1955. 44 p.
(Fire extinction--Chemical systems)

(MIRA 9:3)

ROBIN, Viktor Arkad'yevich, kandidat tekhnicheskikh nauk; LETICHEVSKIY, I.M.,
redaktor; RACHEVSKAYA, M.I., redaktor; KONYASHINA, A., tekhnicheskii
redaktor.

[Ways of saving fuel in communal enterprises] Puti ekonomii topliva
v kommunal'nom khoziaistve. Moskva, Izd-vo Ministerstva kommunal'nogo
khosiaistva **ESPER**, 1955. 71 p. (MLA 9:5)
(Heat engineering)

PORFIR'YEV, M.M.; ZAYTSEV, S.P.; BREZHNEV, V.I., redaktor; RACHENSKAYA,
M.I., redaktor; PETROVSKAYA, Ye., tekhnicheskii redaktor.

[Underground engineering network of a city] Gorodskie inzhenernye
podzemnye seti. Moskva, Izd-vo Ministerstva kommunal'nogo
khoziaistva RSFSR, 1955. 148 p. (MLRA 9:1)
(Civil engineering)

RACHEVSKAYA, M.I.

SAPOZHNIKOV, M.M., kandidat tekhnicheskikh nauk; VEKSLER, Z.Ya., redaktor; RACHEVSKAYA, M.I., redaktor; KONYASHINA, A., tekhnicheskiiy redaktor

[Repair of external water supply lines; a manual for workers, foremen and technicians] Remont naruzhnykh vodoprovodnykh setei; posobie dlia rabochikh, masterov i tekhnikov. Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1955. 84 p.
(Plumbing) (Pipe fitting) (Water pipes) (MLRA 8:6)

GEZENTSVEY, Lev Borisovich; GORILYSHIN, N.V., redaktor; RACHIVSKAYA, M.I.,
redaktor; KONYASHINA, A., tekhnicheskiy redaktor

[Technology of asphalt concrete production] Tekhnologiya proiz-
vodstva asfal'tovogo betona. Izd. 2-oe, perer. i dop. Moskva, Izd-vo
Ministerstva kommunal'nogo khoziaistva RSFSR, 1955. 326 p.
(Asphalt concrete) (MLBA 9:3)

VASIL'YEV, Vladimir Semenovich [deceased]; MINAYEV-TSIKANOVSKIY, Viktor Aleksandrovich; PEREPELITSYN, V.I., redaktor; RACHEVSKAYA, M.I., redaktor izdatel'stva; KONYASHINA, A., tekhnicheskiy redaktor

[A review of the equipment used in foreign mechanized laundries]
Obzor oborudovaniia zagranichnykh mekhanicheskikh prachechnykh.
Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1956.
72 p. (MLRA 9:9)

(Laundry machinery)

BELINKIY, Yevgeniy Aleksandrovich; BOGUSLAVSKIY, L.D., redaktor;
RACHEVSKAYA, M.I., redaktor izdatel'stva; KONYASHINA, A.D.,
tekhnicheskii redaktor

[Operation of water systems in central heating] Eksploataatsionnyi
rezhim vodnykh sistem tsentral'nogo otopeniya. Moskva, Izd-vo
Ministerstva kommunal'nogo khoziaistva RSFSR, 1956. 1956. 78 p.
(MLRA 10:1)

(Heating from central stations)

BOGUSLAVSKIY, Leontiy Davidevich; ZHURAVLEV, B.A., redaktor; RACHEVSKAYA, M.I., redaktor izdatel'stva; FONBERG, P.I., tekhnicheskii redaktor.

[Repair and operation of plumbing equipment in houses and public buildings] Remont i ekspluatatsiia sanitarno-tekhnicheskikh ustroistv zhilykh i obshchestvennykh zdani. Moskva, Izd-vo Ministerstva Kommu-nal'nogo khoziaistva RSFSR, 1956. 235 p. (MLRA 9:6)
(Plumbing)

HUSALEV, Nikolay Vlasovich; ~~RACHEVSKAYA, M.I.~~, redaktor; ZHOROV, D.M.,
tekhnicheskiiy redaktor

[Moscow; a concise guidebook for visitors] Moskva; kratkii spravoch-
nik dlia pryezhaushchikh. Moskva, Izd-vo Ministerstva kommunal'nogo
khoziaistva RSFSR, 1956. 268 p. (MLRA 9:12)
(Moscow--Description)

SAMOYLOV, B.A.; TIRBAKH, O.G.; KHAVIN, M.N.; SHKRUM, N.V.; BONDAREVSKIY,
D.I., redaktor; ~~RACHEVSKAYA, M.I.~~, redaktor izdatel'stva;
PETROVSKAYA, Ye.S., tekhnicheskiy redaktor.

[Operation and repair of MTV-82 streetcars] Opyt ekspluatatsii i
metody remonta tramvaynykh vagonov MTV-82. Moskva, Izd-vo M-va
kommun.khoz. RSFSR, 1957. 78 p. (MLRA 10:7)
(Streetcars--Maintenance and repair)

RACHEVSKAYA, M.I.

RYABTSEV, Nikolay Il'ich, kandidat tekhnicheskikh nauk; ORESKO, V.P.,
redaktor: RACHEVSKAYA, M.I., redaktor izdatel'stva; PETROVSKAYA,
Ye.S., tekhnicheskly redaktor

[Liquid hydrocarbon gases] Zhidkie uglevodorodnye gazy. Moskva,
Izd-vo M-va kommun.khoz. RSFSR. Pt.1. [Physical and chemical
properties, analysis and production] Fiziko-khimicheskie svoistva,
analiz i poluchenie. 1957. 167 p. (MIRA 10:9)
(Hydrocarbons) (Gases--Liquefaction)

Pravila ulichnogo dvizheniya
VLADIMIROV, V.A., otvetstvennyy red.; RACHEVSKAYA, M.I., red.

[Street traffic regulations for Moscow. In effect January, 1958]
Pravila ulichnogo dvizheniya po gorodu Moskve. Vvodiatsia v
deistvie s 1 ianvaria 1958 g. Moskva. Izd-vo M-va kommun. khoz.
RSFSR, 1957. 90 p. (MIRA 11:3)

1. Moscow. Otdel regulirovaniya ulichnogo dvizheniya.
(Moscow--Traffic regulations)

RACHEVSKAYA, M.I.

PORFIR'YEV, Mikhail Mikhaylovich; RACHEVSKAYA, M.I., redaktor izdatel'stva;
ZHOROV, D.M., tekhnicheskii redaktor

[Municipal improvements in the sixth five-year plan] Blagoustroistvo
gorodov v shestoi piatiletke. Moskva, Izd-vo M-va kommun.khoz..
1957. 57 p. (MIRA 10:11)
(Municipal engineering)

KASTAL'SKIY, A.V. [deceased]; ZHUKOV, A.I., professor, doktor tekhnicheskikh nauk, redaktor; RACHEVSKAYA, M.I., redaktor izdatel'stva; KONYASHINA, A.D., tekhnicheskii redaktor.

[City water supply and sewer systems] Gorodskoe vedoprovedno-kanalizatsionnoe khoziaistvo. Pod red. A.I. Zhukova. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1957. 292 p. (MLRA 10:4)
(Sewerage) (Water supply engineering)

RACHIVSKAYA, M.I.

GORDYKHIN, Aleksandr Ivanovich, kandidat tekhnicheskikh nauk; BELODVORSKIY,
Yu.M., redaktor; RACHIVSKAYA, M.I., redaktor izdatel'stva; KONYASHINA,
A.D., tekhnicheskii redaktor

[City gas networks] Gorodskie gazovye seti. Moskva, Izd-vo M-va
kommun.khoz. RSFSR, 1957. 385 p. (MLRA 10:7)
(Gas distribution)

KLAAN, Konstantin Eduardovich; RACHEVSKAYA, M.I., red.; SELIKHT, A..
tekhn.red.

[Designing circulating water coolers for use in permafrost
areas] Osobennosti resheniia okhladitelei tsirkulatsionnoi
vody v raionakh rasprostraneniia mnogoletnemykh gruntov.
Moskva, Izd-vo M-va kommun.khoz.RSFSR, 1958. 90 p. (MIRA 12:3)
(Cooling towers) (Frozen ground)

RACHEVSKIY, A.G.

Influence of working conditions on the health and incidence of
disease among linotypists of the Kazan Press Combine. Kaz.med.
zhur. 40 no.5:66-69 8-0 '59. (MIRA 13:7)

1. Iz kafedry obshchey gigiyeny (sav. - prof. V.V. Miloslavskiy)
Kazanskogo meditsinskogo instituta.
(KAZAN--PRINTERS--DISEASES AND HYGIENE)
(LEAD POISONING)

BERMAN, V.L.; RACHEVSKIY, D.M.; DEMINA, G.A., redaktor; LYUDKOVSKAYA, N.I.,
tekhnicheskii redaktor

[Apparatus for molding multiple hollow floors from stiff concrete]
Ustanovka dlia formovaniia mnogopustotnykh nastilov iz zhestkikh
betonov. Moskva, Gos.izd-vo lit-ry po stroit. materialam, 1955.
62 p. (MIRA 9:2)

(Concrete slabs)

RACHEVSKIY, D.M., inzhener

Equipment for forming hollow cast long floors made of stiff concretes.
Mekh. stroi. 12 no.7:14-19 JI '55. (MLR 8:9)
(Floors, Concrete)

RACHEVSKIY, D.M.; YEMEL'YANOVA, M.D., red. izd-va; BOROVNEV, N.K.,
tekhn. red.

[Mechanization and automation of the manufacture of prestressed roof slabs] Mekhanizatsiia i avtomatizatsiia proizvodstva predvaritel'no napriazhennykh panelei perekrytii. Moskva, Gosstroizdat, 1962. 134 p. (MIRA 16:2)
(Automation) (Prestressed concrete) (Roofing, Concrete)

RACHEVSKIY, D.M., inzh.

Mechanization and automation of the production of reinforced
concrete articles. Mekh, stroi. 19 no.2:5-8 F '62.

(MIRA 16:7)

(Precast concrete)

(Automation)

RACHEVSKIY, D.M., inzh.

Mechanization of the production of long prestressed concrete
elements. Mekh. stroi. 20 no.4:1-4 Ap '63. (MIRA 16:3)
(Prestressed concrete)

17
 The preparation of colloidal solutions of carotene. S. D. Halakhovskii and F. A. Rachevskii. *Bull. biol. med. expil. U. R. S. S. S.* 9: 519-20 (1938) (in French); cf. C. A. 33, 6300P.—A carotene (I) soln. in CS₂ is dild. with Me₂CO and EtOH. The main portion of the CS₂ is distd. and hot H₂O vapor is drawn through the soln. at reduced pressure to displace the org. solvents. When the latter are removed the colloidal I is transferred *in vacuo* to evacuated ampoules and sealed. These solns. are stable for several years without loss in color. If the soln. contains too much CS₂ at the beginning of the prepn. the I coagulates.
 S. A. Karjala

11B

RACHEVSKIY, F.A.

Iodometric determination of carotene. F. A. Rachevskii and G. V. Troitskii. *Lab. Prakt.* (U.S.S.R.) 1938, No. 6, 20-1. The reaction $C_{40}H_{56} + I_2 = C_{40}H_{54}I_2$ is used for a detn. of carotene. To 1-2 cc. of a colloidal susp. of carotene an excess of 0.01 N soln. of I_2 is added. After 5 min. the excess is titrated with $Na_2S_2O_3$. The results show a linear relationship between the carotene concn. and the amt. of I_2 used. By this method the degree of carotene oxidation by air can also be detd. since only the unoxidized carotene possesses vitamin activity.

W. R. Henn

112

RODCHENSKY, E.A.

PROCESSES AND PROPERTIES INDEX

Carotene in the blood and its pathological significance.
 Ya. S. Khentov, E. A. Rodchenskiy and A. M. Shendel.
Klin. Med. (U. S. S. R.) 17, No. 8, 20-5 (1939).—The
 carotene (I) content of the blood lies within the limits of
 0.02-0.05 mg. % in normal subjects, and in patients with
 cancer of the stomach, cholecystitis, stomach ulcers, etc.,
 while in patients with bronchial asthma, tuberculosis or
 cancer of the lungs, diabetes, pernicious anemia, hyper-
 tonia, arterial sclerosis, cirrhosis of the liver, severe hepa-
 titis, etc., it increases to 0.06-0.2 mg. %. Carotenemia is
 due to a reduction in the oxidative processes of the organ-
 ism as a result of destroyed liver function. Thyroidin,
 prolan, insulin and raw liver increase the oxidative pro-
 cesses and liver function and decrease the amt. of I in the
 blood.
 S. A. Kariala

ASTM-SLA METALLURGICAL LITERATURE CLASSIFICATION

6-2

RACHEVSKIY, F. A.

"Mechanical and Experimental Solution of the Problem of Determining the Pressure within the Eye by Tonometric Means," Dok. AN, 59, No. 7, 1948. Mbr., Kursk State Medical Inst. c1948-.

MAKHLAKOV, A. A.

35774 Ratsional'noye v oftalmotonometrii po a. n. makhlakovu. Sbornik k dyatidesyatiletuyu nauch., ped., vracheb. I obshchestv. Deyatel'nosti k. kh. orlova. Gor'kiy, 1949, C. 77-81

SO: Letopis' Zhurnal'nykh Statey, Vol. 45, 1949

RACHEYSKOV, A., inzh.

Mechanized unloading of grain. Muk.-elev. prom. 27 no.7:29
Jl '61.

(MIRA 14:7)

1. Kuybyshevskaya khlebnaya baza No.25.
(Grain-handling machinery)

7

3

MAIN PRINCIPLES FOR CALCULATION OF A PETROLEUM HYDRAULIC PIPELINE. Rezhfal, S.
(Katesice: Minist. Min., 1951, Prace Glow. Inst. Nafty (Proc. Chief Inst. Petrol.),
(7), 22pp.). A summary of formulae for isothermal flow of viscous liquid
along a pipe, and for determining friction losses. During winter viscous
fluids have to be warmed before pumping. Heat correction depends on conditions of
pumping, and formulae are given for calculating friction in non-isothermal flow.
Illustrated by solved examples.

RACHEAL, S.

✓ 421. NEUTRAL BLACK DEMULSIFIER ("KONTAKT"). *Rec'd, S.*
 (Hafsa (Petrochem, Krakow), 1953, vol. 9, 97-99). *To break up emulsions*
 formed in production of ever increasing quantities of crude larger volumes
 of demulsifiers are required daily. Naphthene acids so far used are
 short, and the alternative is H.Cz.K. (Neutral Black "Kontakt") is used in
 U.S.S.R. It is obtained by neutralizing the sludge from SO₂ treatment of
 gas oils and kerosines. Sludge is a mixture of hydrocarbons, sulphonic
 acids, H₂SO₄, and water. Sulphonic acids reach up to 75%. Commercial
 "Kontakt" of 50% sulphonic acid content was well known, but it contained
 only the original oil phase soluble sulphonates. Sludge was first
 utilized in 1930. 1% of sludge cleared emulsion of 36% water down to
 1.2% H₂O on 1 hr at 50°C (Schneider and Buch) neutralized sludge is even
 more efficient (Denmark). Oils treated with concentrated or fuming H₂SO₄
 give sludge of high H₂SO₄ content, so water washing gives economy in alkali -
 usually milk of lime 100-120 Be. Hczk has according to specifications
 minimum contents of 15% of sulphonic acid salts. The active parts are
 derived from sulphonation of unsaturated naphthenes. Those obtained from
 vaselline oils have average mol. wt. 350 and are saturated. A fraction
 soluble in ether has a formula C₁₀H₂₁SO₂H. Anhydrous acids are
 transparent amorphous solids not hydrolyzed by hot water or alkali. Alkali
 metals, heavy metals, and Al give insoluble salts. Acids and soluble
 salts homogenize a 80%-20% to 90%-10% oil-water mixture. In practice,
 thoroughness of mixing, temperature (40-55°C), and duration of warming
 play important parts. Low water content of emulsion makes its removal more
 expensive in "Kontakt". 0.7-1.0% of "Kontakt" are required, and it reduces
 water to 0.5-1.5%. In case of high salinity a water wash may be required
 before application of "Kontakt". A flow diagram is enclosed. I.P.

0-13-54
 JPP

RACHFAL, S.

Local heating of petroleum products. p. 231
NAFTA, Krakow. Vol. 10, no. 10, Oct. 1954.

SOURCE: East European Acession (EEAL) Library of Congress
Vol. 5, no. 8, August 1956.

✓ 205. Removal of water from crude oil in the oilfields. S.
Rachfal. *Nafta (Krakow)*, 1956, 11, 79-82. Crude oil con-
tains water as emulsion often above the permitted max of 3%.
Author describes equipment which on storage favours gravita-

"APPROVED FOR RELEASE: Tuesday, August 01, 2000

CIA-RDP86-00513R001343

John LFH

APPROVED FOR RELEASE: Tuesday, August 01, 2000

CIA-RDP86-00513R0013438

RACHFAL S.

877. Separators for removal of oil from waste waters. B.
Rachfal. *Nafta* (Kratow), 1056, 11, 237-41. From Soviet
sources several small and large separators are described with
drawings and instructions. M.B.

Rachfal, S.

WAXY DEPOSITS AND THEIR COMBAT. Rachfal, S. (Narta (Petroleum, Krakow), 1956, vol. 12, 129-132). Paraffin base crudes are rich in saturateds, of which first to remain solid at room temp is hexadecane. They are more soluble in the lighter fractions of the crude, and once these have been lost wax tends to be deposited on cooling. Polish crudes contain as much as 8.4% wax. Deposition depends also on the pipe surface, which acts as anchor points to very fine crystals of wax suspended in the crude and which in this particular state do not as yet impede the motion of the fluid in the pipe. Loss of gaseous phase lowers the solubility of paraffin wax in the crude. The removal of wax

*2
4E-4
4E-39*

11

"APPROVED FOR RELEASE: Tuesday, August 01, 2000

CIA-RDP86-00513R001343

production may effectively prevent

Bm

APPROVED FOR RELEASE: Tuesday, August 01, 2000

CIA-RDP86-00513R0013438

RACHFAL, S.

POLAND / Chemical Technology, Chemical Products and H
Their Application, Part 3. - Treatment of
Natural Gases and Mineral Oil, Motor and
Rocket Fuel, Lubricants.

Abs Jour: Ref Zhur-Khimiya, No 18, 1958, 62232.

Author : Stanislaw Rachfal.

Inst : Not given.

Title : Cleansing of Oil Pipelines of Paraffin Deposits.

Orig Pub: Wiadom, naft., 1958, 4, No 2, 43 - 45.

Abstract: The construction of scrapers used in USSR and
USA for mechanical cleansing of mineral oil
pipelines of paraffin deposits and the exper-
ience of their use in pipelines of great
lengths are described.

Card 1/1

Card 1/1

POLAND/Chemical Technology. Chemical Products and
Their Uses. Part III. Chemical Processing
of Natural Gases and Petroleum. Motor and
Rocket Fuels. Lubricants. H

Abs Jour : Ref Zhur-Khimiya, No 15, 1958, 51504

Author : Rachfal, Stanislaw

Inst : -

Title : Removal of Solidified Paraffin from Pipes.

Orig Pub : Wiadom. naft., 1957, 3, No 10, 7-8

Abstract : Cases of clogging of ducts, especially
of pipes connecting installations for sta-
bilization of paraffinic oils with the
petrochemical plants, were discussed. Clog-
ging was caused by solidified petroleum or
by paraffin deposits. Practical methods

Card : 1/2

RACHFAL, STANISLAW

POLAND/Chemical Technology - Chemical Products and Their
Application. Treatment of Natural Gases and
Petroleum. Motor and Rocket Fuels. Lubricants.

II-23

Abs Jour : Ref Zhur - Khimiya, No 8, 1958, 26476

Author : Rachfal Stanislaw

Inst : -

Title : Control of Paraffin Deposits in Pipe-Lines.

Orig Pub : Nafta (Polska), 1957, 13, No 7-8, 186-191

Abstract : As a result of studies of stoppage of petroleum pipe
lines by paraffin deposits, conducted in conjunction with
paraffin base petroleum varieties of the Polish oilfields,
the following recommendations are made:
1. Pumping operations should be based on laboratory stu-
dy-data of physical characteristics of petroleum (parti-
cularly of setting point and viscosity) determined for
the conditions of pumping.
2. Thermal treatment of petroleum facilitates pumping

Card 1/2

- 49 -

POLAND / Chemical Technology. Chemical Products and H
Their Applications. Chemical Processing of
Natural Gases and Petroleum. Motor and Rocket
Fuels and Lubricants.

Abs Jour: Ref Zhur-Khimiya, 1959, No 4, 13209.

Author : Rachfal, Stanislaw.

Inst : Not given.

Title : Control of Losses of Oil Products During Their
Storage.

Orig Pub: Wiadom. naft., 1958, 4, No 7-8, 173-176.

Abstract: Popular article.

Card 1/1

96

POLAND / Chemical Technology. Chemical Products and
Their Applications. Chemical Processing of
Natural Gases and Petroleum. Motor and Rocket
Fuels and Lubricants. H

Abs Jour: Ref Zhur-Khimiya, 1959, No 4, 13208.

Author : Rachfal, Stanislaw.

Inst : Not given.

Title : Role of Stabilizing Oil in Controlling Its Losses
During Transportation and Storage.

Orig Pub: Nafta (Polska), 1958, 14, No 6, 155-159.

Abstract: After a general review of reasons for, and magnitudes of, losses of light fractions during storage and transportation of oil, several results were cited of investigations of the Institute of Oil regarding reduction of these losses by means of stabilizing the oil. The significance is noted

Card 1/2

95

RACHFAL, Stanislaw

The mechanical purification of sewers polluted with petroleum.
Wiad naft 7 no.4:91-92 Ap '61. (EEAI 10:9)

(Petroleum) (Sewerage)

RACHFAL, Stanisław

Taking petroleum samples from cisterns. Wiad naft 11 [i.e.9] no.2:
36-38 F '63.

RACHFAL, Stanislaw

Sample taking of crude oil cisterns. Wlad naft 9 no.1:10-12
Ja '63.

RACHIBA, G.I. (Moskva)

Effect of atropine on the electrocardiogram. Klin.med. no.9:
75-81 '62. (MIRA 15:12)
(ATROPINE) (ELECTROCARDIOGRAPHY)

ALIJEV, R.K.; BACHIMOVA, A. Ch.

Current status of cardiovascular drugs in the Azerbaidzhan Republic. Cesk. farm. 10 no.9:464-468 '61.

1. Vedecka farmaceuticka spolecnost Azerbajdzanske SSR.
(CARDIAC GLYCOSIDES) (CARDIOVASCULAR SYSTEM pharmacol)

L 9823-66 EPA/EWP(f)/EPF(n)-2/T-2/ETC(m) WW

ACC NR: AP6003741

SOURCE CODE: UR/0104/65/000/004/0027/0032

AUTHOR: Ol'khovskiy, G.G. (Engineer); Frenkel', L.D. (Engineer); Bizyayev, Ye. V. (Engineer); Rachin, E.V. (Engineer)

ORG: none

TITLE: First results of setting up and usage of the 25 Mw gas turbine system

SOURCE: Elektricheskiye stantsii, no. 4, 1965, 27-32

TOPIC TAGS: electric power engineering, gas turbine, electric power plant, electric power production

ABSTRACT: A description of the type GS-25-700 gas turbine power system, and the results of the starting-testing, and first usage periods of the system. The turbine is fueled with natural gas, has a coefficient of fuel heat usage of 57% with the regenerator disconnected. The turbine passed a period of setting up and test usage of 2,200 hours. It was found to be simple in operation, its noise does not exceed health norms. A power of 21.5 Mw at an efficiency of about 24% was attained. The planned power was not attained, the efficiency of the turbine and compressor was below plan, the resistance of some sections of the gas-air course and expenditure of air for cooling and back compression exceeded plan. The main difficulties in usage resulted from compressor contamination and deposition of sediment in the air cooler tubes. It is hoped that further work will make the system capable of attaining the design power with high reliability.

Card 1/2

UDC: 621.438

L 9823-66

ACC NR: AP6003741

Orig. art. has: 4 figures. [JPRS]

SUB CODE: 09 / SUM DATE: none /

HU)

Cord 2/2

RACHINETS, N.F., inzh.; STOLYARCHUK, V.F., kand. tekhn. nauk, dotsent

Calculating moments of inertia of the flywheels of machines
equipped with asynchronous motors. Izv. vys. ucheb. zav.;
mashinostr. no.9:16-21 '65. (MIRA 18:11)

RACHININA, N.A.

Significance of sparrows in spreading parasite infestations among domestic fowl. Trudy Inst. zool. AN Kazakh. SSR 1:190-199 '53.
(Alma-Ata Province--Sparrows as carriers of disease) (MIRA 10:1)
(Parasites--Poultry)

RACHINSKAS, A. S., Cand Geog Sci -- (diss) "Most important contemporary geomorphological processes in the elevations of Eastern Lithuania." Vil'nyus, 1960. 24 pp with graphs; 1 page of tables; (Ministry of Higher and Secondary Specialist Education USSR, Vil'nyusskiy State Univ im V. Kapsukas); 350 copies; price not given; (KL, 17-60, 143)

RACHINSKAS, V. S. Cand Chem Sci -- "On the role of hydrogen in the process of electrodeposition of zinc from sulfuric-acid solutions." Len, 1960. (Min of Higher and Secondary Specialized Education RSFSR. Len Technological Inst im Lensovet). (KL, 1-61, 183)

MATULIS, Yu.Yu. [Matulis, J.]; RACHINSKAS, V.S. [Racinskas, V.]

The role of hydrogen in the electrolytic process of separating zinc from sulfate solutions. Liet ak darbai B no.2:99-125 '60. (EEAI 10:1)

1. Institut khimii i khimicheskoy tekhnologii Akademii nauk
Litovskoy SSR

(Hydrogen)	(Zinc)	(Electrolysis)
(Sulfates)	(Solutions)	